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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE REQUIREMENTS FOR PUBLICLY OWNED
TREATMENT WORKS (POTWs)**

NPDES PERMIT NO: PA0020605

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Municipal Authority of the Borough of Union City
15730 Still Road
Union City, PA 16438**

is authorized to discharge from a facility known as **Municipal Authority of the Borough of Union City**, located at **Union Township, Erie County** to the **South Branch of French Creek** in Watershed **16-A** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON _____

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON September 2, 2008

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions, or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form.

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application.

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED September 03, 2003 _____

ISSUED BY /s/ _____

DATE PERMIT AMENDMENT ISSUED _____

Ricardo F. Gilson
TITLE: Water Management Program Manager

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

- I. For Outfall 001, Latitude 41° 54' 09", Longitude 79° 51' 40", River Mile Index 2.75, Stream Code 53634
- which receives wastewater from domestic sewage
- a. The permittee is authorized to discharge during the period from issuance date through expiration date.
- b. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes and Supplemental Information).

| Discharge Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|-------------------------|--|-------------------|-------------------------------|--------------------|-------------------|---|--|-------------------------|
| | Mass Units (lbs/day) ⁽¹⁾ | | Concentrations (mg/L) | | | | Minimum ⁽³⁾ Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Average Weekly | Instantaneous Maximum ⁽²⁾ | | |
| Flow | XX | | | | | | Continuous | Measured |
| CBOD ₅ | 292 | 467 | | 25 | 40 | 50 | 2/Week | 24-Hr. Comp |
| Total Suspended Solids | 350 | 525 | | 30 | 45 | 60 | 2/Week | 24-Hr. Comp |
| Ammonia Nitrogen | | | | | | | | |
| (05/01 - 10/31) | 52.5 | | | 4.5 | | 9.0 | 2/Week | 24-Hr. Comp |
| (11/01 - 04/30) | 158 | | | 13.5 | | 27.0 | 2/Week | 24-Hr. Comp |
| Fecal Coliform | | | (Refer to Page 4 Part A.1.c.) | | | | 2/Week | Grab |
| Total Residual Chlorine | | | | 0.4 | | 1.3 | Daily | Grab |
| Dissolved Oxygen | minimum of 5 mg/l at all times | | | | | | Daily | Grab |
| pH | Within limits of 6.0 to 9.0 standard units at all times. | | | | | | Daily | Grab |

XX -- Monitor and report on monthly DMRs.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 001 (after the chlorine contact tank)

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

- I. For Outfall 002, Latitude 41° 54' 09", Longitude 79° 51' 40", River Mile Index 2.85, Stream Code 53634
which receives wastewater from stormwater runoff
- a. The permittee is authorized to discharge during the period from issuance date through expiration date.
- b. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes and Supplemental Information).

| Discharge Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---------------------|--|-------------------|-----------------------|--------------------|-------------------|---|--|-------------------------|
| | Mass Units (lbs/day) ⁽¹⁾ | | Concentrations (mg/L) | | | | Minimum ⁽³⁾ Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Average Weekly | Instantaneous Maximum ⁽²⁾ | | |
| | | | | | | | | |
| | This discharge shall consist of uncontaminated storm water runoff from the treatment plant site. | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Refer to Special Condition 4.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 002

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (Con't)

Additional Requirements

- c. The permittee shall provide for effective disinfection of this discharge to control disease-producing organisms during the swimming season (May 1 through September 30) to achieve a fecal coliform concentration not greater than 200/100 ml as a geometric average (mean), and not greater than 1,000/100 ml in more than 10% of the samples tested. During the period October 1 through April 30 the fecal coliform concentration shall not exceed 5,300/100 ml as a geometric average (mean).

or

For discharges in the Delaware River Basin only - the permittee shall provide for effective disinfection of this discharge to control disease producing organisms by continuously achieving a fecal coliform concentration of not greater than 200/100 ml as a geometric average.

- d. All discharges of floating materials, oil, grease, scum, sheen and substances which produce color, tastes, odors, turbidity or settle to form deposits shall be controlled to levels which will not be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life.
- e. Except as otherwise specified in this permit, the 30-day average percent removal for carbonaceous biochemical oxygen demand and total suspended solids shall not be less than 85 percent.

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) The Instantaneous Maximum Discharge Limitations are for compliance use by DEP only. Do not report instantaneous maximums on DMRs or supplemental DMRs unless specifically required on those forms to do so.
- (3) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

- (1) The hydraulic design capacity of 1.4 million gallons per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to help determine whether a "hydraulic overload" situation exists, as defined in 25 Pa. Code Chapter 94.
- (2) The effluent limitations for this outfall were determined using an effluent discharge rate of 1.4 million gallons per day.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit.

Average Monthly Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.

Average Weekly Discharge Limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.

Best Management Practices ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution to surface waters of the Commonwealth. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite.

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed.

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Discharge Monitoring Report ("DMR") means the form for the reporting of self-monitoring results by the permittee.

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters, and batch discharge volumes.

Geometric Average means the average of a set of n sample results given by the nth root of their product.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly selected time over a period not to exceed 15 minutes.

Hazardous Substance means any substance designated under 40 CFR 116 pursuant to Section 311 of the Clean Water Act.

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Industrial User or means an establishment that discharges or introduces industrial wastes into a Publicly Owned Treatment Works (POTW).

Maximum Any Time or means the level not to be exceeded at any time in any grab sample.

Maximum Daily Discharge Limitation means the highest allowable "daily discharge."

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Publicly Owned Treatment Works ("POTW") means a device or system used in the treatment (including recycling and reclamation) of municipal sewage or industrial wastes of a liquid nature which is owned by a state or municipality. The term includes sewers, pipes or other conveyances only if they convey wastewater to a POTW providing treatment.

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage.

Stormwater Associated With Industrial Activity means the discharge from any conveyance which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing, or raw materials storage areas as defined at 40 CFR 122.26(b)(14).

Total Dissolved Solids means the total dissolved (filterable) solids as determined by use of the method specified in 40 CFR 136.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring.

III. SELF-MONITORING, REPORTING, AND RECORDS KEEPING

A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. Records Retention

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least five years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three years from the date of the sample measurement, report, or application. The three-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures

Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those approved under 40 CFR 136 (or in the case of sludge use or disposal, approved under 40 CFR 136, unless otherwise specified in 40 CFR 503), or alternate test procedures approved pursuant to those parts, unless other test procedures have been specified in this permit.

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA.
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR 136.

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit.
2. Unless instructed otherwise in PART C of this permit, a properly completed DMR must be received by the following address within 28 days after the end of each monthly report period:

Department of Environmental Protection
Water Management Program
230 Chestnut Street
Meadville, PA 16335

Office of Compliance & Enforcement (3WP30)
NPDES Branch
Water Protection Division
US EPA -- Region III
1650 Arch Street
Philadelphia, PA 19103-2029

3. The completed DMR Form shall be signed and certified either by the following applicable person, as defined in 40 CFR 122.22(a), or by that person's duly authorized representative, as defined in 40 CFR 122.22(b):
 - For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
 - For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
 - For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form.

4. If the permittee monitors any pollutant, using analytical methods described in PART A III.A.4 herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR.

C. Reporting Requirements

1. Planned Changes - The permittee shall give notice to DEP as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
 - a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b).
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in this permit, nor to notification requirements under 40 CFR 122.42(a)(1).
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

2. Anticipated Noncompliance

The permittee shall give advance notice to DEP of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.

3. Unanticipated Noncompliance or Potential Pollution Reporting

- a. The permittee shall report any noncompliance or incidents causing or threatening pollution pursuant to 25 Pa. Code § 91.33 to DEP by telephone immediately giving the location and nature of the danger and, if reasonably possible to do so, to notify known downstream users of the waters.
- b. The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove from the ground and from the affected waters to the extent required by the residual substances.
- c. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances pursuant to 40 CFR 122.41(l)(6). The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including the exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
- d. Information that must be reported under this paragraph includes, but is not limited to:
 - (1) Any unanticipated bypass that exceeds any effluent limitation in this permit.
 - (2) Any catastrophic event which causes the discharge to exceed any effluent limitation in this permit.
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants listed in this permit.
- e. DEP may waive the written report on a case-by-case basis for reports under paragraph C.3.c of this section.

4. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.3.a of this section, at the time DMRs are submitted. The reports shall contain the information listed in paragraph C.3.a of this section.

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance Schedules

1. The permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit.
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline.

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with 25 Pa. Code, Chapter 92.
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions.

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit.
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information.
4. The permittee shall provide the following information in the POTW's annual Municipal Wasteload Management Report, required under the provisions of 25 Pa. Code, Chapter 94.
 - a. A new introduction of pollutants into the POTW from an "Indirect Discharger" which would be subject to Sections 301 and 306 of the Clean Water Act if it were directly discharging pollutants.
 - b. A substantial change in the volume or character of pollutants being introduced into the POTW by an "Indirect Discharger" introducing pollutants into the POTW at the time of issuance of this permit.
 - c. Information on the quality and quantity of the effluent introduced into the POTW and the anticipated impact of the change in the quality and quantity of effluent to be discharged from the POTW.
 - d. The identity of the industrial users served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimate concentration of each pollutant discharged into the POTW by the industrial user.
 - e. The POTW shall require all industrial users to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act and regulations thereunder.

D. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit.

E. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

F. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the reporting and notification requirements of 4. a. and b. below.
2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
 - a. A bypass is unavoidable to prevent loss of life, personal injury, or "severe property damage."
 - b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance.
 - c. The permittee submitted the necessary reports required under 4.a. and b. below.
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in F. 2 above.
4. Notice
 - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the bypass.
 - b. Unanticipated Bypass – The permittee shall submit notice of an unanticipated bypass as required in PART A.III.C.3. (Unanticipated Noncompliance or Potential Pollution Reporting)

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative, and/or criminal penalties as set forth in 40 CFR 122.41(a)(2).

Any person or municipality who violates any provision of this permit; any rule, regulation, or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603, and 605 of the Clean Streams Law.

B. Falsifying Information

The Clean Water Act provides that any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance), shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 P.S. § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603, or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and 25 Pa. Code, Chapter 92 and 40 CFR 122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and

4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location.

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
 - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b of this section;
 - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and
 - c. If DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b of this section.
3. In the event DEP does not approve transfer of this permit, the new owner or controller must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit.

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of State or local law or regulations.

PART C

I. OTHER REQUIREMENTS

ONE: No storm water from pavements, area ways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers associated with the herein approved discharge.

TWO: The approval herein given is specifically made contingent Upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.

THREE: If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory or the sewerage facilities shall have created public nuisance, then upon notice by the Department the right herein granted to discharge such effluent shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory for discharge into the said receiving body of water.

FOUR: Collected screenings, slurries, sludges, and other Solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapter 75, and in a manner "equivalent" to the requirements indicated in Chapters 271, 273, 275, 283 and 285 (relating to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments.

The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport and disposal of solid waste materials generated as a result of wastewater treatment.

II. SPECIAL CONDITIONS

1. Other Permits

"Effluent limitations, monitoring requirements, and other standard and special conditions which relate to the discharges of pollutants authorized by this permit and which are contained in Water Quality Management Permit(s):

No. 2569409 issued on December 9, 1969

No. 2574405 issued on January 15, 1975

are superseded by the terms and conditions of this permit, unless specifically noted otherwise herein."

2. Effluent Chlorine Optimization and Minimization

To reduce or eliminate the amount of chlorine discharged into water bodies, the permittee must: (1) implement source reduction activities, (2) improve operation/maintenance practices and, (3) improve/adjust process controls.

The permittee will ensure that applied chlorine dosages, used for disinfection or other purposes, are optimized to the degree necessary such that the total residual chlorine in the discharge does not cause an adverse stream impact. In doing so, the permittee shall consider relevant factors affecting chlorine dosage, such as wastewater characteristics, mixing and contact times, desired result of chlorination, and expected impact on the receiving water body.

If the Department determines or receives documented evidence levels of TRC in the permittee's effluent are causing adverse impacts in the receiving water, the permittee shall institute necessary additional steps to reduce or eliminate such impact.

3. WHOLE EFFLUENT TOXICITY TESTING

The permittee shall submit the results of whole effluent testing with their next NPDES application, according to 40 CFR 122.21(j)(1)-(3). The permittee shall obtain the appropriate biomonitoring protocol for testing from the DEP Regional Office.

4. REQUIREMENTS APPLICABLE TO STORMWATER OUTFALLS

A. Prohibition of Non-stormwater Discharges

1. Except as provided in A.2, all discharges to stormwater outfalls (list) shall be composed entirely of non-polluting stormwater.
2. The following non-polluting water discharges may be authorized, provided the discharge is in compliance with D.2.b: discharges from fire fighting activities; fire hydrant flushings, potable water sources including waterline flushings, irrigation drainage, lawn watering, routine external building washdown which does not use detergents or other compounds, pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used, air conditioning condensate, springs, uncontaminated groundwater, and foundation or footing drains where flows are not contaminated with process materials such as solvents.

B. Spills

This permit does not authorize the discharge of any polluting substances resulting from an on-site spill. Such spills shall be controlled through proper implementation of a PPC Plan as stated in Section D below.

- #### C.
- This permit does not authorize any discharge (storm water or non-storm water) containing any pollutant that may cause or contribute to an impact on aquatic life or pose a substantial hazard to human health or the environment due to its quantity or concentration.

D. Preparedness, Prevention and Contingency Plans

1. Development of Plan

Operators of facilities shall have developed a Preparedness, Prevention and Contingency (PPC) Plan in accordance with 25 Pa. Code § 91.34 and the "Guidelines for the Development and Implementation of Environmental Emergency Response Plans". The PPC Plan shall identify potential sources of pollution that may reasonably be expected to affect the quality of stormwater discharges from the facility. In addition, the PPC Plan shall describe the BMPs that are to be used to reduce the pollutants in stormwater discharges at the facility ensuring compliance with the terms and conditions of this permit.

2. Non-stormwater Discharges

- a. The PPC Plan shall contain a certification that the discharge has been tested or evaluated for the presence of non-stormwater discharges. The certification shall include the identification of potential significant sources of non-storm water at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing methods used, the date of any testing and/or evaluation, and the on-site drainage points that were directly observed during the test. Such certification may not be feasible if the facility operating the stormwater discharge does not have access to an outfall, manhole, or other point of access to the ultimate conduit that receives the discharge. In such cases, the source identification section of the PPC Plan shall indicate why the

certification was not feasible. A discharger that is unable to provide the certification must notify the Department within 180 days of the effective date of this permit.

- b. Except for flows from fire fighting activities, sources of non-storm water listed in A.2. (authorized non-stormwater discharges) that are combined with stormwater discharges must be identified in the plan. The plan shall identify and ensure the implementation of appropriate pollution prevention measures for the non-stormwater component(s) of the discharge.

3. Comprehensive Site Compliance Evaluations and Record Keeping

Qualified personnel shall conduct site compliance evaluations at least once a year. Such evaluations shall include:

- a. Visual inspection and evaluation of areas contributing to a stormwater discharge for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of the permit or whether additional control measures are needed. Structural stormwater management measures, sediment and erosion control measures, and other structural pollution prevention measures identified in the plan shall be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the plan, such as spill response equipment, shall be made.
- b. Based on the results of the inspection, the description of potential pollutant sources identified in the PPC plan, and pollution prevention measures and controls identified in the plan shall be revised as appropriate within 15 days of such inspection and shall provide for implementation of any changes to the plan in a timely manner, but in no case more than 90 days after the inspection.
- c. A report summarizing the scope of the inspection, using the DEP's Annual Inspection Form shall be completed and made available upon request and retained as part of the PPC Plan for at least one year after coverage under this permit terminates.

E. Storm Water Management Best Management Practices (BMPs)

The permittee shall implement at least the following BMPs:

1. Manage sludge in accordance with all applicable permit requirements; temporarily collect and store sludge in enclosed containers or tanks.
2. Store chemicals in secure areas on impervious surfaces away from storm drains.
3. Design wastewater treatment facilities to prevent run on and avoid storm water commingling with sanitary wastewater.
4. Efficiently use pesticides for weed control; where practicable investigate use of the least toxic pesticides; do not apply during windy conditions.

PERMITTEE NAME ADDRESS (include
Facility Name / Location if different)

NAME: Municipal Authority of the Borough of Union City

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

FORM APPROVED.

OMB NO. 2040-0004.

Northwest Region Facsimile

| | | |
|-------------------------------|---------------|------------------|
| ADDRESS: 12 South Main Street | PA0020605 | 001 |
| Union City, PA 16438 | PERMIT NUMBER | DISCHARGE NUMBER |

| | | | | | | | |
|-------------------|--|--|--|--|--|--|--|
| MONITORING PERIOD | | | | | | | |
|-------------------|--|--|--|--|--|--|--|

| | | | | | | | |
|-----------------------|------|----|-----|----|------|----|-----|
| FACILITY: WQ/Sew/Tech | YEAR | MO | DAY | TO | YEAR | MO | DAY |
|-----------------------|------|----|-----|----|------|----|-----|

| | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|
| LOCATION: Union Township | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|

| | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|
| COUNTY: Erie | (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) |
|--------------|---------|---------|---------|---------|---------|---------|

NOTE: Read instructions before completing this form

| Parameter (32-37) | | (3 Card Only) (46--53) | QUANTITY OR LOADING (54-61) | (4 Card Only) (38-45) | QUALITY OR CONCENTRATION (46-53) | (54-61) | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) | |
|--|---|---------------------------|--------------------------------|--------------------------|--|----------------------|----------------------------|----------------------|--|---------------------------|------------|
| | | AVERAGE (MONTHLY) | MAXIMUM (WEEKLY AVE.) | UNITS | MINIMUM | AVERAGE (MONTHLY) | MAXIMUM (WEEKLY AVE.) | UNITS | | | |
| Flow | Sample | | | MGD | | | | | | | |
| | Measurement | | | | | | | | | | |
| | Permit | | | | | | | | | | |
| | Requirement | XX | XX | | | | | | | | |
| CBOD ₅ | Sample | | | Lbs/ day | | | | mg/l | | | |
| | Measurement | | | | | | | | | | |
| | Permit | | | | | | | | | | |
| | Requirement | 292 | 467 | | 25 | 40 | 2/Week | | | | 24-Hr Comp |
| TSS | Sample | | | Lbs/ day | | | | mg/l | | | |
| | Measurement | | | | | | | | | | |
| | Permit | | | | | | | | | | |
| | Requirement | 350 | 525 | | 30 | 45 | 2/Week | | | | 24-Hr Comp |
| Ammonia-Nitrogen (05/01-10/31) (11/01-04/30) | Sample | | | Lbs/ day | | | | mg/l | | | |
| | Measurement | | | | | | | | | | |
| | Permit | 52.5 | | | 4.5 | | 2/Week | | | | 24-Hr Comp |
| | Requirement | 158 | | | 13.5 | | 2/Week | | | | 24-Hr Comp |
| Fecal Coliform (5/1-9/30) (10/1-4/30) | Sample | | | | | | | /100ml | | | |
| | Measurement | | | | | | | | | | |
| | Permit | | | | 200 | | 2/Week | | | | Grab |
| | Requirement | | | | 5,300 | | 2/Week | | | | Grab |
| Total Residual Chlorine | Sample | | | | | | | mg/l | | | |
| | Measurement | | | | | | | | | | |
| | Permit | | | | 0.4 | | Daily | | | | Grab |
| | Requirement | | | | | | | | | | |
| Dissolved Oxygen | Sample | | | 5 | | | | mg/l | | | |
| | Measurement | | | | | | | | | | |
| | Permit | | | | | | | | | | |
| | Requirement | | | | | | | | | | Daily |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319. (Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years) | | | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | TELEPHONE AREA CODE NUMBER | | YEAR | DATE MO DAY | |
| TYPE OR PRINT | | | | | | | | | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

XX = Monitor and Report

NOTE: YOUR PERMIT WILL EXPIRE ON _____; PLEASE SUBMIT YOUR RENEWAL APPLICATION BEFORE _____.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME: Municipal Authority of the Borough of Union City

(2-16)

(17-19)

ADDRESS: 12 South Main Street

PA0020605

001

Union City, PA 16438

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY: WQ/Sew/Tech

YEAR

MO

DAY

TO

YEAR

MO

DAY

LOCATION: Union Township

COUNTY: Erie

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form

FORM APPROVED.

OMB NO. 2040-0004.

Northwest Region Facsimile

| Parameter (32-37) | | (3 Card Only) (46--53) | QUANTITY OR LOADING (54-61) | | | (4 Card Only) (38-45) | QUALITY OR CONCENTRATION (46-53) (54-61) | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|----------------------|-------------|---------------------------|--------------------------------|-------|---------|--------------------------|---|-------|---------------|----------------------|--|---------------------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | | |
| pH | Sample | | | | | | | | Std. Units | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | 6.0 | | 9.0 | | | | Daily | Grab |
| | Sample | | | | | | | | | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | | | | | | | | |
| | Sample | | | | | | | | | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | | | | | | | | |
| | Sample | | | | | | | | | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | | | | | | | | |
| | Sample | | | | | | | | | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | | | | | | | | |
| | Sample | | | | | | | | | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | | | | | | | | |
| | Sample | | | | | | | | | | | |
| | Measurement | | | | | | | | | | | |
| | Permit | | | | | | | | | | | |
| | Requirement | | | | | | | | | | | |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPE OR PRINT

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. §1001 AND 33 U.S.C. §1319. (Penalties under these statutes may includes fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE

TELEPHONE NUMBER

DATE

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

XX = Monitor and Report

NOTE: YOUR PERMIT WILL EXPIRE ON _____ ; PLEASE SUBMIT YOUR RENEWAL APPLICATION BEFORE _____ .

DISCHARGE MONITORING REPORT INSTRUCTIONS

1. If form has been partially completed by preprinting, disregard instructions directed at entry of that information already preprinted.
2. Enter "PERMITTEE NAME/MAILING ADDRESS (and facility name/location, if different)," "PERMIT NUMBER," and "DISCHARGE NUMBER" where indicated. (A separate form is required for each discharge.)
3. Enter dates beginning and ending "MONITORING PERIOD" covered by form where indicated.
4. Enter each "PARAMETER" as specified in monitoring requirements of permit.
5. Enter "SAMPLE MEASUREMENT" data for each parameter under "QUANTITY" and "QUALITY" in units specified in permit. "AVERAGE" is normally arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during "MONITORING PERIOD." "MAXIMUM" and "MINIMUM" are normally extreme high and low measurements obtained during "MONITORING PERIOD." (NOTE to municipalities with secondary treatment requirements, enter 30-day average of sample measurements under "AVERAGE" and enter maximum 7-day average of sample measurements obtained during monitoring period under "MAXIMUM.")
6. Enter "PERMIT REQUIREMENT" for each parameter under "QUANTITY" and "QUALITY" as specified in permit.
7. Under "NO. EX" enter number of sample measurements during monitoring period that exceeded maximum (and/or minimum or 7-day average as appropriate) permit requirement for each parameter. If none, enter "0."
8. Enter "FREQUENCY OF ANALYSIS" both as "SAMPLE MEASUREMENT" (actual frequency of sampling and analysis used during monitoring period) and as "PERMIT REQUIREMENT" specified in permit (e.g., Enter "CONT." for continuous monitoring, "1/7" for one day per week, "1/30" for one day per month, "1/90" for one day per quarter, etc.)
9. Enter "SAMPLE TYPE" both as "SAMPLE MEASUREMENT" (actual sample type used during monitoring period) and as "PERMIT REQUIREMENT." (e.g., Enter "GRAB" for individual sample, "24HC" for 24-hour composite, "N/A" for continuous monitoring, etc.)
10. WHERE VIOLATIONS OF PERMIT REQUIREMENTS ARE REPORTED, ATTACH A BRIEF EXPLANATION TO DESCRIBE CAUSE AND CORRECTIVE ACTIONS TAKEN. REFERENCE EACH VIOLATION BY DATE.
11. If "no discharge" occurs during monitoring period, enter "NO DISCHARGE" across form in place of data entry.
12. Enter "NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER" with "SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT," "TELEPHONE NUMBER" and "DATE" at bottom of form.
13. Mail signed Report to Office(s) by date(s) specified in permit. Retain copy for your records.
14. More detailed instructions for use of this DISCHARGE MONITORING REPORT (DMR) form may be obtained from Office(s) specified in permit.

LEGAL NOTICE

This report is required by law (33 U.S.C. 1318; 40 C.F.R. 122.22). Failure to report or failure to report truthfully can result in civil penalties not to exceed \$10,000 per day of violation; or in criminal penalties not to exceed \$25,000 per day of violation, or by imprisonment of not more than one year, or by both.